

# INTERNATIONAL COOPERATION TREATY

PCT/PTO

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PCT/KR2003/002670

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)


Applicant's or agent's file reference APF-055	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. <b>PCT/KR2003/002670</b>	International filing date (day/month/year) <b>05 DECEMBER 2003 (05.12.2003)</b>	Priority date (day/month/year) 10 DECEMBER 2002 (10.12.2002)
International Patent Classification (IPC) or national classification and IPC  <b>IPC7 E04F 15/10</b>		
Applicant  <b>OH, Sang-Chul</b>		

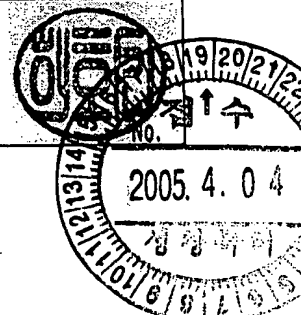
- This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
- This REPORT consists of a total of 3 sheets, including this cover sheet.  
☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of \_\_\_\_\_ sheets.

- This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand  <b>25 MARCH 2004 (25.03.2004)</b>	Date of completion of this report  30 MARCH 2005 (30.03.2005)
Name and mailing address of the IPEA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140	Authorized officer  HEO, Ho Shin Telephone No. 82-42-481-8126



# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/KR2003/002670

## I. Basis of the report

### 1. With regard to the elements of the international application:\*

- ☒ the international application as originally filed
- ☐ the description:  
 pages \_\_\_\_\_, as originally filed  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_
- ☐ the claims:  
 pages \_\_\_\_\_, as originally filed  
 pages \_\_\_\_\_, as amended (together with any statement) under Article 19  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_
- ☐ the drawings:  
 pages \_\_\_\_\_, as originally filed  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_
- ☐ the sequence listing part of the description:  
 pages \_\_\_\_\_, as originally filed  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

### 2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item. These elements were available or furnished to this Authority in the following language English which is

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☒ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

### 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

### 4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets \_\_\_\_\_

### 5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this opinion as "originally filed." and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item I and annexed to this report.

# INTERNATIONAL PRELIMINARY EXAMINATION

International application No.

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## V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

### 1. Statement

Novelty (N)	Claims 1-5	YES
	Claims	NO
Inventive step (IS)	Claims 1-5	YES
	Claims	NO
Industrial applicability (IA)	Claims 1-5	YES
	Claims	NO

### 2. Citations and explanations (Rule 70.7)

Reference is made to the following documents:

D1: JP 07-279377 A

D2: US 4905437 A

D3: JP 03-36361 A

D1 relates to a kind of an assembly type floor board to make the horizontal adjustment of floor boards by rotating the adjuster screw of a connecting base (7), which comprises a disk-like lower base (7a) installed on the existing floor surface, a bolt (7b) integrally protruded by welding at the upper center of the lower base, and a disk-like installation base (7c) screwed with it and moved vertically.

Claim 1 of the present application is the same as D1, in that D1 is to make the horizontal adjustment of floor boards by rotating the adjuster screw of a connecting base and claim 1 is to make the horizontal adjustment by rotating a screw bar connected to a built-in nut. However, claim 1 has an advantage over D1, in that according to D1, the horizontal adjustment should be made by rotating the adjustment screw before assembling the floor boards, whereas according to claim 1, the height can be easily adjusted even after the height adjusting blocks are coupled with supporters. In addition, the technical features of claim 1 for facilitating the assembly, that is, the connection protrusions (23), connection receiving parts (24), connecting tongue (11), connecting hole (21), and slip flooring connection pin (25) are not disclosed in D1.

D2 and D3 relate to flooring systems. However, the invention as set forth in claim 1 of the present invention is not explicitly disclosed in D2 and D3, nor can it be derived from the cited inventions of D2 and D3.

Therefore, the subject matter of claim 1 is considered to be novel and to involve an inventive step. The subject matter of claims 2-5 which are dependent on claim 1 is also considered to be novel and to involve an inventive step.